

CLAIMS:

1. An intermediate frequency circuit (1), which is connected between a frequency mixing circuit (2) and an intermediate frequency amplifier circuit (3), the intermediate frequency circuit (1) comprising:
 - a pair of input nodes (1₁, 1₂);
 - 5 a pair of output nodes (1₃, 1₄);
 - a first inductor (4) being coupled between the pair of input nodes (1₁, 1₂);
 - a second inductor (5) being coupled between the pair of output nodes (1₃, 1₄);
 - a first and a second capacitor (6, 7), which are coupled between a first input node (1₁) and a first output node (1₃);
 - 10 a third and a fourth capacitor (8, 9), which are coupled between a second input node (1₂) and a second output node (1₄); and
 - a fifth capacitor (10), which is coupled between the first capacitor (6) and the fourth capacitor (8) and between the second capacitor (7) and the third capacitor (8).
- 15 2. The intermediate frequency circuit of claim 1, wherein said first capacitor (6) is coupled in series to said second capacitor (7); and
said third capacitor (8) is coupled in series to said fourth capacitor (9).